

ELOY PM₁₀ 2019 TEOM Data

24 Hour Averages (ug/m³)

	24 Hour Averages (ug/m ³)													
	January	February	March	Approved Data		June	Peliminary Data		September	October	November	December		
	April	May												
1	4	20	24	39	22	35	35	16	70	28	66	13		
2	11	15	23	40	31	27	31	23	16	37	55	20		
3	16	8	14	32	AV	36	38	32	32	40	57	19		
4	20	6	20	27	AV	30	34	25	32	36	60	18		
5	19	9	30	35	AV	31	40	60	31	31	59	12		
6	8	9	41	33	AV	32	32	17	33	AV	52	19		
7	14	18	41	25	27	33	30	27	39	AV	46	18		
8	23	27	30	39	40	31	25	33	24	44	AV	11		
9	22	20	32	38	25	31	35	21	19	26	AV	7		
10	20	22	22	107	31	40	34	20	27	37	AV	11		
11	15	25	24	28	35	35	62	13	29	49	AV	20		
12	13	29	5	29	15	42	48	25	38	46	AV	18		
13	8	40	19	22	18	32	45	37	39	30	56	19		
14	16	23	16	28	25	47	32	33	87	32	63	48		
15	18	7	28	37	20	32	33	29	23	35	60	17		
16	14	9	26	48	47	28	35	38	53	34	72	17		
17	20	13	17	18	36	33	47	25	20	32	73	10		
18	18	7	28	23	44	31	32	28	24	48	82	21		
19	15	10	37	28	32	35	38	41	28	50	70	32		
20	20	13	22	32	25	32	33	41	24	35	10	34		
21	31	9	22	20	27	39	35	34	26	41	11	27		
22	28	3	31	30	48	25	73	41	29	47	10	27		
23	31	9	30	45	21	33	15	36	104	53	13	22		
24	27	12	27	24	30	41	24	18	9	48	19	7		
25	31	19	38	36	23	32	23	18	11	55	15	6		
26	34	23	46	27	29	34	19	25	11	32	16	7		
27	24	26	46	22	20	42	22	32	14	129	19	3		
28	38	23	46	24	32	39	24	50	13	54	30	4		
29	49		30	83	34	45	42	AV	16	52	6	10		
30	50		33	20	36	33	21	AV	24	48	9	14		
31	54		38		34		11	31		41		18		
1st quarter average			22.8	2nd quarter average			33.1	3rd quarter average			31.8	4th quarter average		33.3
# of valid samples			90	# of valid samples			87	# of valid samples			90	# of valid samples		85
% of samples collected			100.00%	% of samples collected			95.60%	% of samples collected			97.83%	% of samples collected		92.39%
# of 24 hr exceedances			0	# of 24 hr exceedances			0	# of 24 hr exceedances			0	# of 24 hr exceedances		0

ELOY PM₁₀ 2019 TEOM Data Reference Page

Corresponding Color Codings

AQS Codings

24 hour exceedances	any sample > 155.5 ug/m ³	
PCAQCD Exceptional Event	HIGH WIND EVENTS	
	HIGH WIND EVENTS - EPA CONCURRED.	### ^A
Noise exceedences	when the noise on the monitor invalidates the data & data recovery is <75%	AN
Status out of range	flow out of range for more than 1 hour	AH
	machine malfunction	AN
	shelter temperature out of range	AE
General maintenance	monitor is down for general maintenance activities or filter exchanges for more than 1 hour	BA
	Building/Site repair	BA
		BE
Negative data readings	data readings > - 10.4 ug/m ³ or	AN
	Operator Error for more than 6 hours	BJ
Power failures/Vandalism	power outage for more than 6 hours	AV
	Vandalism	AP
CAL / VER / AUDIT	monitor is down to perform monthly verification or annual system calibrations or	AT
	QC Audit (ADEQ) for more than 1 hour	AT
		AZ

Annual Average (ug/m³) minus high wind events	30.2
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Total # of 24 hr Exceedances	0
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Maximum Reading	129
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